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determined so that an intensity of a portion of diffraction light not used for light spot formation is reduced and the reduced intensity of that portion is added to an intensity of a portion of diffraction light used for light spot formation.

4. (Amended) An optical pickup device according to claim 3, wherein a light spot on the recording medium formed by non-diffraction light from said real laser light source is used for servo operations, and said hologram member has a hologram pattern which provides a uniform intensity of the servo light spot in a whole light spot area.

5. (Amended) An optical pickup device comprising:  
a single real laser light source; and  
a light spot forming optical element for receiving light from said real laser light source via a hologram member and forming a servo light spot on a recording medium, wherein the hologram member has a hologram pattern which provides a uniform intensity of the servo light spot in a whole servo light spot area.

A3  
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B2

11. (Amended) An optical pickup device according to claim 3, wherein each of the hologram patterns for diffraction has curved patterns.

12. (Amended) An optical pickup device according to claim 4, wherein each of the hologram patterns for diffraction has a plurality of grooves and an amount of light not to be diffracted is adjusted in accordance with depths of the grooves.

13. (Amended) An optical pickup device according to claim 4, wherein each of the hologram patterns for diffraction has a plurality of grooves and an amount of light not to be diffracted is adjusted in accordance with a ratio of a groove width to a non-groove width.

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17. (Amended) A method of producing a hologram member having diffraction hologram patterns and non-diffraction hologram patterns, the method comprising the steps of:

disposing a first optical element in an optical path from a real laser light source to a non-diffraction hologram pattern, the first optical element partially reflecting downward light from the real laser light source;

disposing at least one second optical element in an optical path of the partially reflected light, and partially reflecting the partially reflected light toward the hologram member and reflecting downward residual light by the at least one second optical element disposed; and

disposing a third optical element for reflecting the residual light toward the hologram member,

wherein the diffraction hologram patterns are positioned at the hologram member by the light from the optical elements.

A5

19. (Amended) A method of producing a hologram member having diffraction hologram patterns and non-diffraction hologram patterns, the method comprising the steps of:

transforming light from a real laser light source into parallel light by a collimator lens; and

disposing a member having at least one pin hole in an optical path of the parallel light,

wherein the diffraction hologram patterns are positioned at the hologram member by the light from said at least one pin hole.